

Serial No.: 09/924,322

PF000079

In the Claims

1. (Previously Presented) Process for the format conversion of an image sequence employing video data coded on the basis of a structure of pixel groups comprising a first step for decoding the coded data and a second step of converting of the decoded data, wherein, for a coded pixel group to be converted, if the decoding mode is of the "inter" type with no residue, the conversion is performed by a copy of a converted pixel group of a preceding image linked by the motion vector associated with said coded pixel group.
2. (Original) Process according to Claim 1, wherein, if the motion vector associated with the pixel group is null, the conversion is performed by recopy of the co-located pixel group and, if the motion vector is different from zero, the conversion is performed by motion compensation in a preceding converted image.
3. (Original) Process according to Claim 1, wherein the data are coded according to the MPEG standard, the pixel group is an image block and the coding mode is determined from the cbp (coded block pattern) code defining the apportionment of the coded blocks in a macroblock.
4. (Original) Process according to Claim 1, wherein the data are coded according to the MPEG standard, the pixel group is a macroblock and said coding mode is determined from the "skipped macroblock" or "uncoded" mode.
5. (Original) Process according to Claim 1, the format conversion being supplemented with a modification of the display employing a simple mathematical operation applicable at the decoded pixel group level, wherein the operation, adapted to the display domain, is applied to the copied converted pixel group.
6. (Original) Process according to Claim 5, wherein the simple operation is the addition of an offset.

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7. (Previously Presented) Process for the format conversion of an image sequence employing video data coded on the basis of a structure of pixel groups comprising a first step for decoding the coded data and a second step of converting of the decoded data, wherein, if for the decoding of a pixel group to be converted an error of transmission of the coded data brings about an error masking mode equivalent to a decoding of the inter type with no residue, the conversion is performed by a copy of a converted pixel group of a preceding image linked by the motion vector associated with said coded pixel group.

8. (Previously Presented) Process for the format conversion of an image sequence employing video data coded on the basis of a structure of pixel groups comprising a first step for decoding the coded data and a second step of converting of the decoded data, the coded data comprising complementary data allowing scalability, that is to say the obtaining of images of different resolutions, wherein, in the case where the complementary data pertaining to a pixel group and to a given resolution have zero value, this pixel group for the converted image of given resolution is obtained from a group of converted pixels of the image of lower resolution.